

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Adgrv1^{tm1Pwh}/Adgrv1^{tm1Pwh}](#)

RRID:MGI:3046274

Type: Organism

Proper Citation

RRID:MGI:3046274

Organism Information

URL:

Proper Citation: RRID:MGI:3046274

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal cochlear outer hair cell physiology, deafness, absent cochlear hair bundle ankle links, organ of Corti degeneration, cochlear inner hair cell degeneration, audiogenic seizures, increased sensitivity to induced morbidity/mortality, abnormal vision, absent distortion product otoacoustic emissions, abnormal hair cell mechanoelectric transduction, abnormal inner hair cell stereociliary bundle morphology, abnormal outer hair cell stereociliary bundle morphology, abnormal orientation of outer hair cell stereociliary bundles, pillar cell degeneration, abnormal cone electrophysiology, increased or absent threshold for auditory brainstem response, cochlear outer hair cell degeneration, abnormal cochlear hair cell stereociliary bundle morphology

Affected Gene: Adgrv1

Genomic Alteration: tm1Pwh

Catalog Number: 3046274

Background: involves: 129S1/Sv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16775142](#), [PMID:15207856](#)

Organism Name: Adgrv1^{tm1Pwh}/Adgrv1^{tm1Pwh}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Adgrv1^{tm1Pwh}/Adgrv1^{tm1Pwh}.

No alerts have been found for Adgrv1^{tm1Pwh}/Adgrv1^{tm1Pwh}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.